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thread

Last modified: Thursday, October 24, 2002

(1) In online discussions, a series of messages that have been posted as replies to each other. A single forum or conference typically contains many threads covering different subjects. By reading each message in a thread, one after the other, you can see how the discussion has evolved. You can start a new thread by posting a message that is not a reply to an earlier message.

(2) In programming, a part of a program that can execute independently of other parts. Operating systems that support multithreading enable programmers to design programs whose threaded parts can execute concurrently.

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For internet.com pages about **thread** *CLICK HERE*. Also check out the following links!

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Introduction to Multithreading, Superthreading and Hyperthreading
A comprehensive explanation of these three threading techniques.

Multithreaded programming FAQ

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FAQ and summary on multithreaded programming from the omp.programming.threads newsgroup.

Sun's threads page
Provides links to information on threads and multithreads, FAQs, user and man guides, example programs that use threads, and links to related sites containing papers and bibliographies.

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multithreading

Last modified: Thursday, October 24, 2002

The ability of an operating system to execute different parts of a program, called *threads,* simultaneously. The programmer must carefully design the program in such a way that all the threads can run at the same time without interfering with each other.

•E-mail this definition to a colleague•

For internet.com pages about ***multithreading*** *CLICK HERE. Also check out the following links!*

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A comprehensive explanation of these three threading techniques.

Multithreading and scalable input/output project
Contains details on a project that explores the use of multithreading techniques to improve I/O performance in parallel programs.

Multi-threading in Java
Introduces basic mechanisms and demonstrates how to apply them in the most common cases.

Multithreading resource page
Contains a small collection of links to multithreading Web sites, research projects, and companies.

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Simultaneous multithreading project
Provides a project overview and related papers.

Sun's threads page
Provides links to information on threads and multithreads, FAQs, user and man guides, example programs that use threads, and links to related sites containing papers and bibliographies.

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